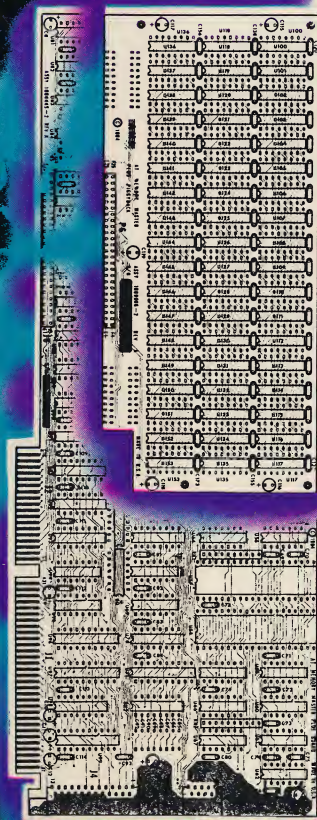


# Attention IBM-AT® Users!

COMDEX 89

Meet

## MEMORY MASTER PLUS™



- 2 Serial Ports
- 1 Parallel Port
- Up to 3 MB Memory

# UNFORGETTABLE!



American  
Micronics, Inc.

- High Performance
- Totally Hardware & Software Compatible
- Maximum Advantage Using Single I/O Slot



# AT-MEMORY MASTER PLUS®

## FEATURES:

### Memory Expansion:

- Up to 3 MB of memory expansion on a single card (with piggy back).
- Each byte is parity checked for data integrity.
- Comes fully socketed for future upgrading.
- Uses standard 64K or 256K Ram chips.
- Occupies only one I/O slot in the system.
- The base board goes up to 1.5 MB with additional 1.5 MB available on optional piggy back board.
- Has programmed PAL for split-addressing capability to work with IBM-AT's memory map (shown on the table). The PAL will fill up 1st allowable user memory space (640KB), splits the memory over 640K, and continues at 1 MB address space automatically, without user intervention.
- Fully IBM-AT high speed bus compatible.
- Consumes low power.

### I/O PORTS:

- The base board comes with 128KB Ram, 1 Serial Port and 1 Parallel Port.
- 2nd Serial Port is optional
- Both Serial and Parallel Ports on the board are fully compatible to IBM-AT®.
- Serial Port may be configured as communication Port 1 or Port 2.
- Parallel Port may also be configured as Port 1 or Port 2.
- Use any peripheral device based on either serial or parallel interface like Modem, Plotter, Serial Printer, any Information Network, Parallel Printer, terminals, etc.



### IBM-AT® MEMORY ADDRESSING:

| Address          | Space | Function           |
|------------------|-------|--------------------|
| 000000 to 07FFFF | 512KB | User Memory on CPU |
| 080000 to 09FFFF | 128KB | User Memory*       |
| 0A0000 to 0FFFFF | 384KB | Reserved           |
| 100000 to FDFFFF | 15MB  | User Memory*       |

\* AT Memory Master Plus® board has built-in memory split addressing capability. It will fill-in first user available space (from 080000 to 09FFFF) to 640K, splits memory over 640K to continue at 1 MB address space (100000 to FDFFFF) automatically.

## CONFIGURATIONS:

The AT-Memory Master Plus® can be set for any one of the following configurations:

| Configuration | Ram Chips Used |      |      |      |      |         | Memory on AT-Memory Master Plus+ | Total System Memory Including 512KB on CPU |
|---------------|----------------|------|------|------|------|---------|----------------------------------|--------------------------------------------|
|               | 1st Row        | 2nd  | 3rd  | 4th  | 5th  | 6th Row |                                  |                                            |
| A             | 64K            | 64K  | 64K  | 64K  | 64K  | 64K     | ¾ MB                             | 1¼ MB                                      |
| B             | 64K            | 64K  | 64K  | 256K | 256K | 256K    | 1⅞ MB                            | 2⅜ MB                                      |
| C             | 64K            | 256K | 256K | 256K | 256K | 256K    | 2⅞ MB                            | 3⅜ MB                                      |
| D             | 256K           | 256K | 256K | 256K | 256K | 256K    | 3 MB                             | 3½ MB                                      |

BASIC

**PRICE: \$495.**

128K, 1 S.P., 1 P.P.

TELEX: 314016

ANSWER BACK: AMER—MICRONICS



**American  
Micronics, Inc.**

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